

# Grade 3 Stupendous Stickers Math Task

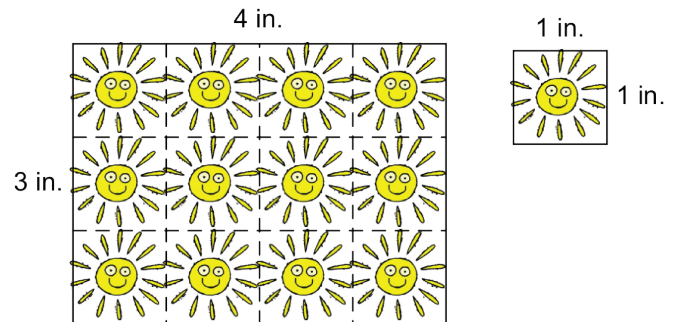
## 2015-2016 NYC Baseline Performance Tasks

### Instructions

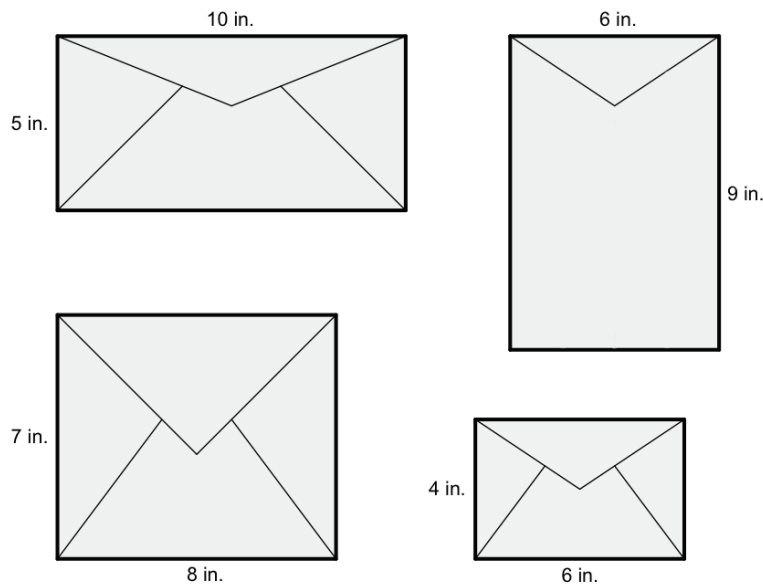
- Tasks may not be shared with students prior to administration.
- Fall baseline tasks may be administered and scored by the regular classroom teacher.
- Distribute one task booklet to each student.
- All student work should be completed in the task booklet. All student work in the task booklet should be scored, regardless of whether the student completed or attempted every question.
- Students should have 90 minutes to complete the task, not including the distribution and collection of materials.
- Depending on school scheduling, administration may occur over 1-2 days. Administration conditions (i.e., the amount of time students have to complete the task, etc.) should be consistent across all classrooms in the school administering the above-named NYC Performance Task.
- Students should receive all accommodations normally provided for a class or state test.
- For complete administration information, see the Baseline Assessment Administration Handbook.

# Stupendous Stickers

Steve makes and sells stickers that are 1 square inch. The stickers come on a rectangular sheet, which can be different sizes depending on the number of stickers that are ordered. The sheet above is 3 inches long and 4 inches wide and has 12 stickers. Steve is trying to decide the best way to mail the stickers.



**1 Steve is thinking about using one of these four different envelopes:**



**Which envelope has the largest area?** \_\_\_\_\_

**Show your work.**

**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

- 2** Steve decides that the envelope that is 4 in. long and 6 in. wide will be best one to use. It will cost less and he can put more than one sheet of stickers in an envelope.

Steve knows that each sheet has to be 6 inches long to fit in the envelope. To fit the two sheets, what could be the lengths and widths of each sheet to mail exactly 42 stickers?

Sheet 1: \_\_\_\_\_

Sheet 2: \_\_\_\_\_

**Show your work.**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

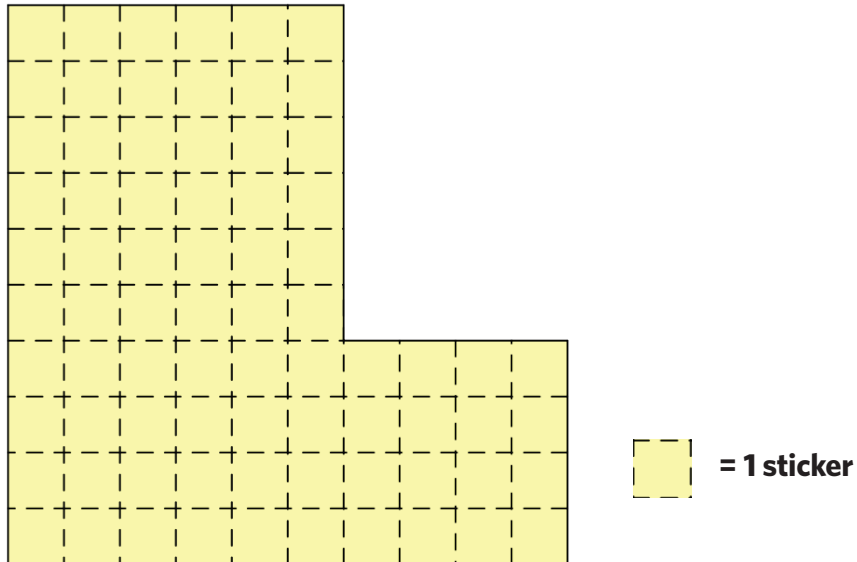
- 3 Steve prints a sheet of 48 stickers for an order. There are 6 stickers in each row of the sheet.

How many rows are there? \_\_\_\_\_

Write and solve a multiplication sentence to model the problem.

Name: \_\_\_\_\_ Date: \_\_\_\_\_

- ④ Steve prints a large sheet of stickers and then realizes he only needs part of it. He cuts out the part he needs, leaving the sheet below.



How many stickers are left on the sheet? \_\_\_\_\_ stickers

Show your work using number sentences.

**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

- 5** Steve prints a large order that has 9 sheets. Each sheet has 80 stickers.

**How many total stickers were ordered?** \_\_\_\_\_

**Show your work.**

**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

- 6** Dan is planning a party. He decides to give 8 stickers to each of his 5 guests. However, only 4 guests come to the party. Dan shares the stickers equally among the 4 guests.

**How many stickers did each guest get?** \_\_\_\_\_

**Show your work.**

**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**7** Michaela wants to collect 60 stickers. She can buy 8 stickers each week.

**After 6 weeks, how many more stickers does she need to have 60 stickers? \_\_\_\_\_ more stickers**

**Use estimation to show why your answer is reasonable.**